

**Riparian Corridor Zone - 4,500 linear feet x 50 feet wide = 5 acres**

Seedling spacing  
12x12 = 302 seedlings per acre  
302 x 5 = 1,510 seedlings

TREES - George O. White State Nursery

type	common name	botanical name	native to Newton County	# of seedlings	notes
canopy	Sycamore	<i>Platanus occidentalis</i>	X	250	
	White Oak	<i>Quercus alba</i>	X	125	
	Swamp White Oak	<i>Quercus bicolor</i>		100	
	Bur Oak	<i>Quercus macrocarpa</i>	X	125	
	Bald Cypress	<i>Taxodium distichum</i>		100	
	Bald Cypress	<i>Taxodium distichum</i>		150	36" tall, one year old
understory	Downy Serviceberry	<i>Amelanchier arborea</i>	X	125	
	River Birch	<i>Betula nigra</i>		125	4 groves - 31, 31, 31, 32
	Flowering Dogwood	<i>Cornus florida</i>	X	250	Dogwood Tour
edge	Eastern Redbud	<i>Cercis canadensis</i>	X	150	
<i>total</i>				1500	

SHRUBS - George O. White State Nursery

height	common name	botanical name	native to Newton County	# of seedlings
3-9'	Black Chokeberry	<i>Aronia melanocarpa</i>		25
6-10'	Button Bush	<i>Cephalanthus occidentalis</i>	X	25
10'	Gray Dogwood	<i>Cornus racemosa (foemina)</i>	X	25
10'	Vernal Witchhazel	<i>Hamamelis vernalis</i>		25
12-20'	Possum Haw	<i>Ilex decidua</i>	X	25
6-14'	Spicebush	<i>Lindera benzoin</i>	X	25
8-9'	Ninebark	<i>Physocarpus opulifolius</i>	X	25
4-8'	Fragrant Sumac	<i>Rhus aromatica</i>	X	25
				200